
MONTGOMERY COUNTY

(Montgomery County Water Service Area Map)

- Estimated 1999 population of 21,100--95% on public water
- Estimated 2020 population of 23,600--95% on public water
- 340 miles of water lines, with plans for 11 additional miles
- Estimated funding needs for public water 2000-2005--\$10,200,000
- Estimated funding needs for public water 2006-2020--\$550,000

Montgomery County had an estimated population of 21,062 (8,384 households) in 1999 with a projected population of 23,618 (10,118 households) in 2020. Public water is provided to about 95 percent of the county's residents. In areas of the county not served by public water, about 1 of 5 households rely on private domestic wells and 4 of 5 households rely on other sources. About 50 customers will be added to public water service through new line extensions in 2000-2020.

Estimated Costs - Proposed Projects, 2000-2005

COUNTY/System		New Customers		Rehab	Source	Treatment	Tanks/ Pumps	Total
	Miles	Number	Cost in \$1000	In \$1000	in \$1000	in \$1000	in \$1000	in \$1000
MONTGOMERY								-
Mt. Sterling	3	14	200		2,000	8,000		10,200
Total	3	14	200		2,000	8,000		10,200

Estimated Costs - Proposed Projects, 2006-2020

COUNTY/System		New Customers		Rehab	Source	Treatment	Tanks/ Pumps	Total
	Miles	Number	Cost in \$1000	in \$1000	in \$1000	in \$1000	in \$1000	in \$1000
MONTGOMERY								-
Mt. Sterling	2	10	100					100
Reid Village	0.4	6	30				70	100
Jeffersonville	5	20	200				150	350
Total	7.4	36	330				220	550

PUBLIC WATER SYSTEMS

Montgomery County is served by 6 public water systems: 2 municipal systems, Jeffersonville Water System and Mt. Sterling Water Works; 2 water districts, Montgomery County Water District #1 and Reid Village Water District; and 2 water associations, Judy Water Association and Levee Road Water Association, Inc.

WATER SERVICE AREAS

MONTGOMERY COUNTY

Kentucky

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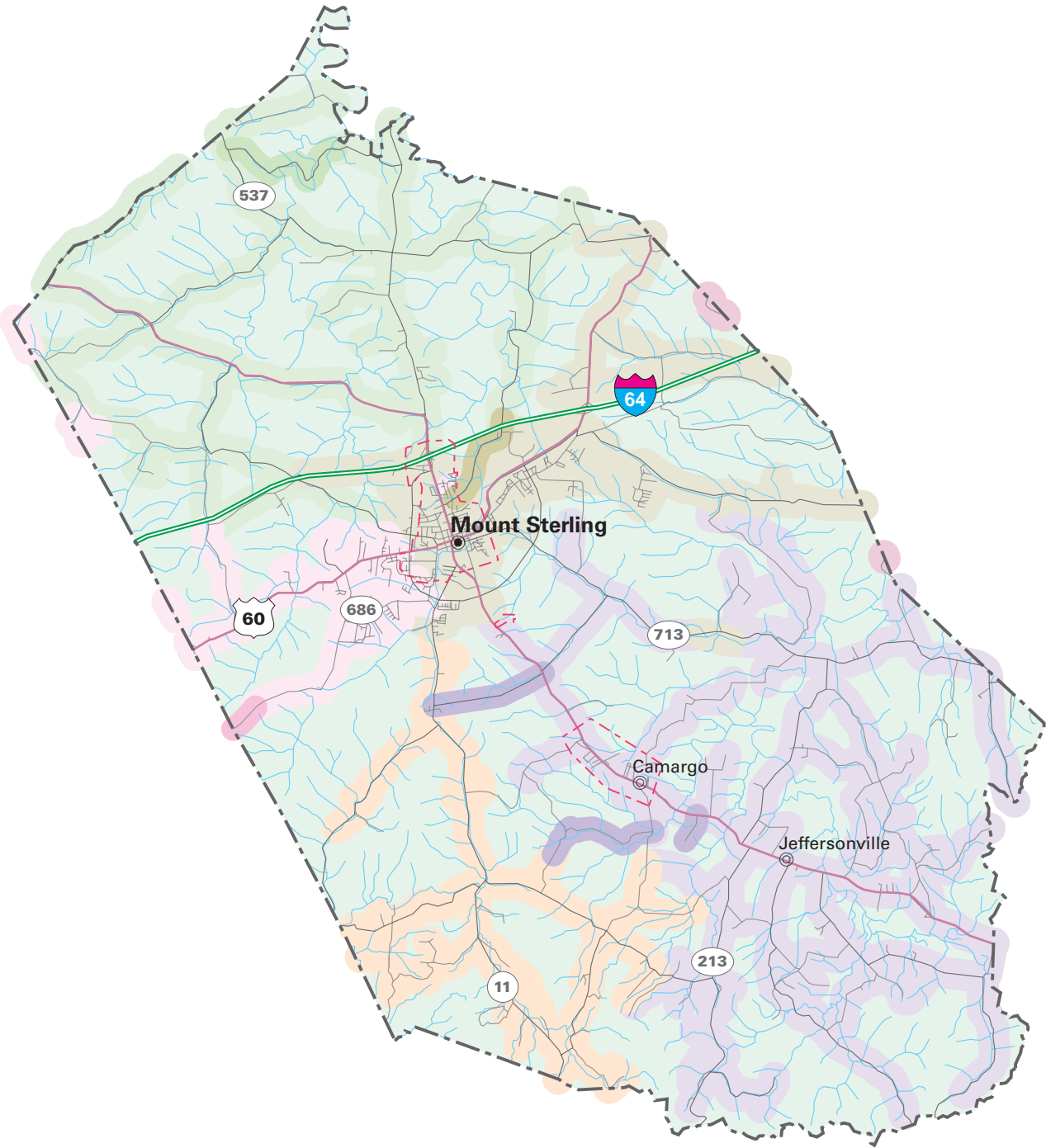
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WATER SERVICE STATUS BY OWNER

EXISTING SERVICE AREA	PROPOSED SERVICE AREA	
		REID VILLAGE WATER DISTRICT
		MOUNT STERLING WATER WORKS
		LEVEE ROAD WATER ASSOCIATION INCORPORATED
		JUDY WATER ASSOCIATION
		JEFFERSONVILLE WATER SYSTEM
		FRENCHBURG WATER COMPANY
		EAST CLARK COUNTY WATER DISTRICT
		BATH COUNTY WATER DISTRICT

JUDY WATER ASSOCIATION

PWSID: 0870147
System Type:..... COMMUNITY
Owner Type: WATER ASSOCIATION
Surface Source:
Purchase Source: GREENBRIER LAKE
Well Source:
Sells Water to:
Treatment Plant Capacity (MGD):..... 0.00
Percent Daily Average Production:..... 0.00
Total Tank Storage Capacity (gallons): 90,000.00
Total Service Connections: 937.00
Number of Employees:..... 4.00
Treatment Operator Class: 2D
Distribution Operator Class:
Customer Rate for 1,000 Gallons:..... 6.74
O/M costs 1997: 194,982.00
O/M costs per Service Connection: 221.07
Net Revenue 1997: 8,151.00
Total Water Produced 1997 (gallons):..... 0.00
Water Sold 1997 (gallons): 44,108,000.00
Unaccounted-for Water 1997 (%): 0.26

JEFFERSONVILLE WATER SYSTEM

PWSID: 0870212
System Type:..... COMMUNITY
Owner Type: MUNICIPAL
Surface Source:
Purchase Source: MT STERLING WATER
Well Source:
Sells Water to:
Treatment Plant Capacity (MGD):..... 0.00
Percent Daily Average Production:..... 0.00
Total Tank Storage Capacity (gallons): 100,000.00
Total Service Connections: 1,300.00
Number of Employees:..... 3.00
Treatment Operator Class: 2D
Distribution Operator Class:
Customer Rate for 1,000 Gallons:..... Not available
O/M costs 1997: Not available
O/M costs per Service Connection: Not available
Net Revenue 1997: Not available
Total Water Produced 1997 (gallons):..... Not available
Water Sold 1997 (gallons): Not available
Unaccounted-for Water 1997 (%): Not available

LEVEE ROAD WATER ASSOCIATION INCORPORATED

PWSID: 0870246
System Type:..... COMMUNITY
Owner Type: WATER ASSOCIATION
Surface Source:

Purchase Source: GREENBRIER LAKE
Well Source:
Sells Water to:
Treatment Plant Capacity (MGD):..... 0.00
Percent Daily Average Production:..... 0.00
Total Tank Storage Capacity (gallons):..... 75,000.00
Total Service Connections: 666.00
Number of Employees:..... 2.00
Treatment Operator Class:2D
Distribution Operator Class:
Customer Rate for 1,000 Gallons:..... 4.90
O/M costs 1997:..... 127,249.00
O/M costs per Service Connection: 197.59
Net Revenue 1997:..... 791.00
Total Water Produced 1997 (gallons):..... 0.00
Water Sold 1997 (gallons):..... 37,427,000.00
Unaccounted-for Water 1997 (%): 8.18

MONTGOMERY COUNTY WATER DISTRICT #1

PWSID: 0870290
System Type:..... COMMUNITY
Owner Type: WATER DISTRICT
Surface Source:
Purchase Source: MOUNT STERLING WATER WORKS
Well Source:
Sells Water to:
Treatment Plant Capacity (MGD):..... 0. 00
Percent Daily Average Production:..... 0.00
Total Tank Storage Capacity (G):..... NA
Total Service Connections: 554.00
Number of Employees:..... NA
Treatment Operator Class:2D
Distribution Operator Class:.....
Customer Rate for 1,000 Gallons:..... 5.54
O/M costs 1997:..... 189,006.00
O/M costs per Service Connection: 330.43
Net Revenue 1997:..... 27,775.00
Total Water Produced 1997:..... 0.00
Water Sold 1997:..... 75,356,530.00
Unaccounted-for Water 1997:..... 10.72

MOUNT STERLING WATER WORKS

PWSID: 0870298
System Type:..... COMMUNITY
Owner Type: MUNICIPAL
Surface Source: SLATE CREEK
Purchase Source:
Well Source:
Sells Water to: JUDY WATER ASSOCIATION
Treatment Plant Capacity (MGD):..... 1.00
Percent Daily Average Production:..... 86.00

Total Tank Storage Capacity (gallons):	0.00
Total Service Connections:	0.00
Number of Employees:	25.00
Treatment Operator Class:	2D
Distribution Operator Class:	4A
Customer Rate for 1,000 Gallons:	Not available
O/M costs 1997:	Not available
O/M costs per Service Connection:	Not available
Net Revenue 1997:	Not available
Total Water Produced 1997 (gallons):	Not available
Water Sold 1997 (gallons):	Not available
Unaccounted-for Water 1997 (%):	Not available

REID VILLAGE WATER DISTRICT

PWSID:	0870367
System Type:	COMMUNITY
Owner Type:	WATER DISTRICT
Surface Source:	
Purchase Source:	HOWARDS MILL
Well Source:	
Sells Water to:	
Treatment Plant Capacity (MGD):	0.00
Percent Daily Average Production:	0.00
Total Tank Storage Capacity (gallons):	100,000.00
Total Service Connections:	894.00
Number of Employees:	3.00
Treatment Operator Class:	2D
Distribution Operator Class:	
Customer Rate for 1,000 Gallons:	4.79
O/M costs 1997:	201,909.00
O/M costs per Service Connection:	231.28
Net Revenue 1997:	15,990.00
Total Water Produced 1997 (gallons):	0.00
Water Sold 1997 (gallons):	52,055.00
Unaccounted-for Water 1997 (%):	12.07

PRIVATE DOMESTIC SYSTEMS

About 1,000 people in Montgomery County rely on private domestic water supplies: 200 on wells and 800 on other sources.

Some wells located in the major creek valleys will produce enough water for a domestic supply except during dry weather. In the upland areas of Montgomery County, which encompasses 80% of the county, most drilled wells will not produce enough water for a dependable domestic supply except along drainage lines that may produce enough water except during dry weather.

Throughout the county ground water is hard or very hard and may contain salt or hydrogen sulfide, especially at depths greater than 100 feet.
